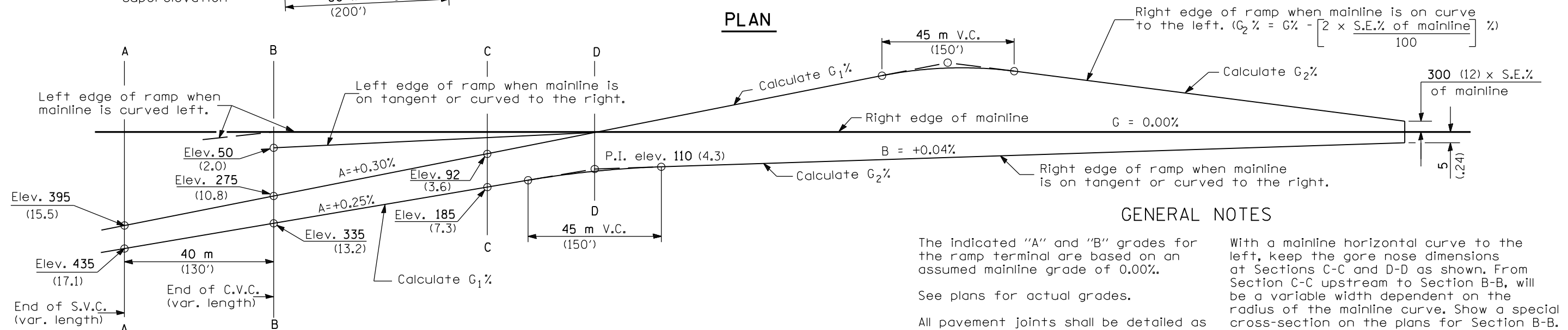


PLAN



PROFILE

GENERAL NOTES

The indicated "A" and "B" grades for the ramp terminal are based on an assumed mainline grade of 0.00%.

See plans for actual grades.

All pavement joints shall be detailed as shown on Standards 420001 and 483001.

See Standard 483001 for ramp shoulder details.

Between Sections A-A and B-B (shaded area), provide a drainage swale and flush inlet to enhance drainage.

When using grades expressed in %, the grade value shall be divided by 100 to obtain vertical offsets.

When radius R1 is less than 230 m (760 ft), the acceleration length of the ramp shall be recalculated.

With a mainline horizontal curve to the left, keep the gore nose dimensions at Sections C-C and D-D as shown. From Section C-C upstream to Section B-B, will be a variable width dependent on the radius of the mainline curve. Show a special cross-section on the plans for Section B-B.

With a mainline horizontal curve to the right, keep the gore nose dimensions at Sections D-D, C-C, and B-B as shown, and the edge of the ramp between Sections C-C and B-B (60 m distance) is constructed as a compound curve tying Section C-C.

All dimensions are in millimeters (inches) unless otherwise shown.

DATE	REVISIONS
1-1-07	Added General Note stating when to recalc. acceleration length
4-1-06	Made length of ramp taper perpendicular to mainline.

ENTRANCE RAMP TERMINAL
(JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMENT)
(Sheet 1 of 2)

STANDARD 420206-07

Illinois Department of Transportation

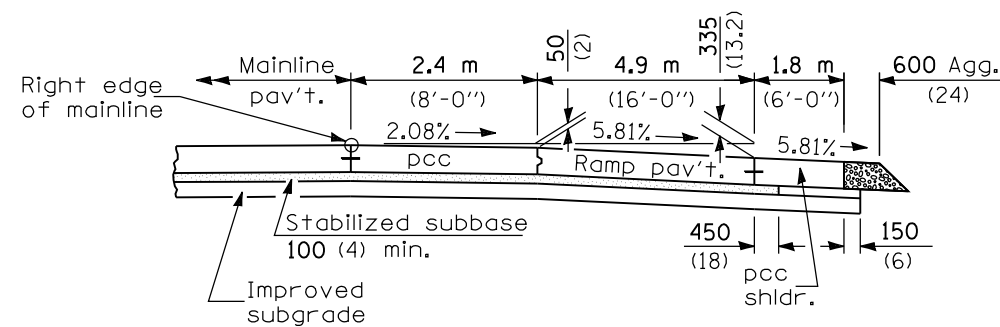
PASSED January 1, 2007

ENGINEER OF POLICY AND PROCEDURES

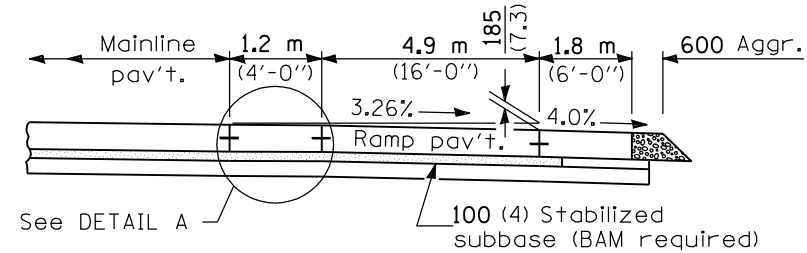
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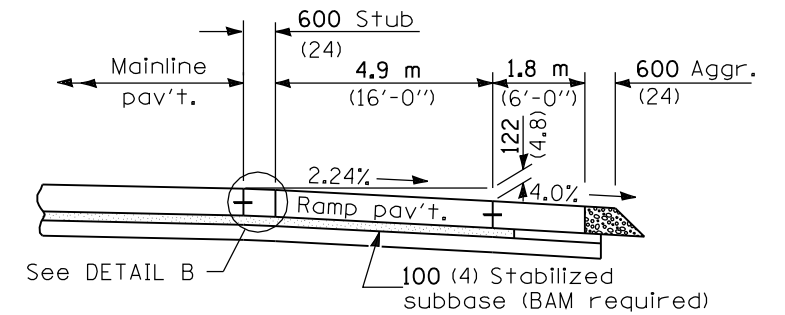
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SECTION B-B

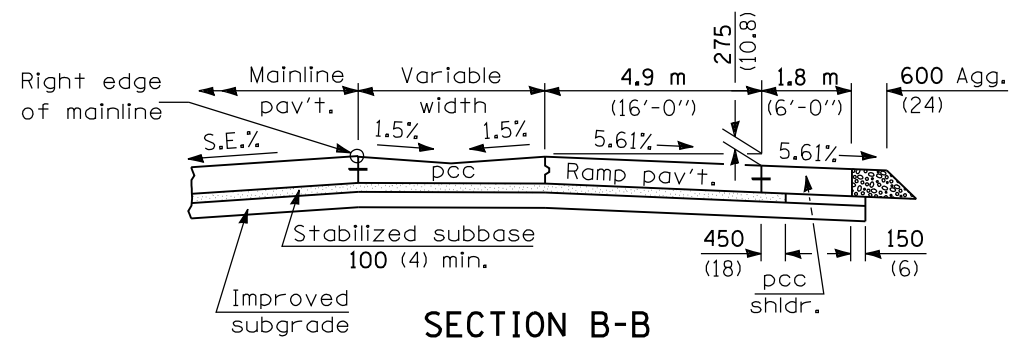


SECTION C-C

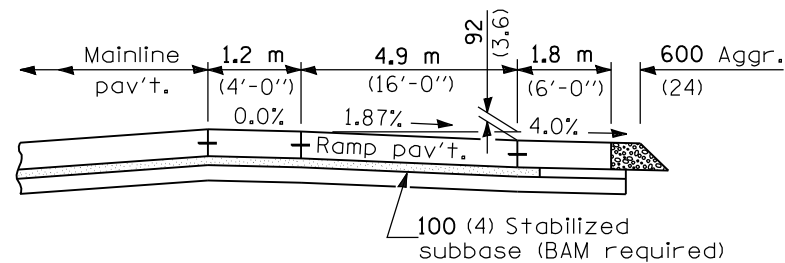


SECTION D-D

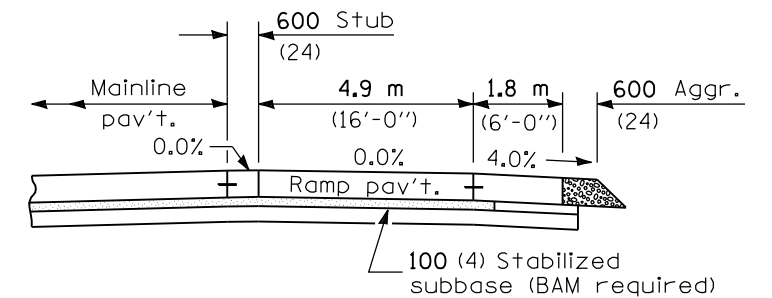
CROSS SECTIONS WHEN MAINLINE IS ON TANGENT OR CURVED TO THE RIGHT



SECTION B-B

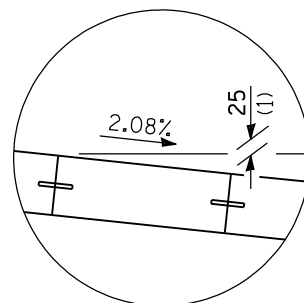


SECTION C-C

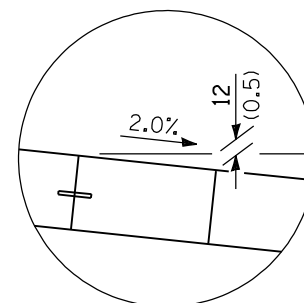


SECTION D-D

CROSS SECTIONS WHEN MAINLINE IS CURVED TO THE LEFT



DETAIL A



DETAIL B